

# HELLER BROTHERS COMPANY

## TOOL CATALOG



**TEMPORARY NUMBER T-44**

(REVISED JUNE 1st, 1949)

**MORE THAN 100 YEARS OF EXPERT TOOL MANUFACTURING**

MAIN OFFICE  
**NEWARK 4, NEW JERSEY**  
U. S. A.

Plant No. 1  
**NEWARK 4, NEW JERSEY**

Plant No. 2  
**NEWCOMERSTOWN, OHIO**

### BRANCH OFFICES

PHILADELPHIA 33  
2250 N. NINTH ST.

MILWAUKEE 4  
1571 W. PIERCE ST.

SAN FRANCISCO 3  
1559 HOWARD ST.

CABLE ADDRESS  
**HELLER NEWARK**  
Codes  
Bentley's, Lieber's  
Western Union A.B.C. 5th and 6th Editions

CHICAGO 6  
166 N. CLINTON ST.

DETROIT 9  
4461 W. JEFFERSON AVE.

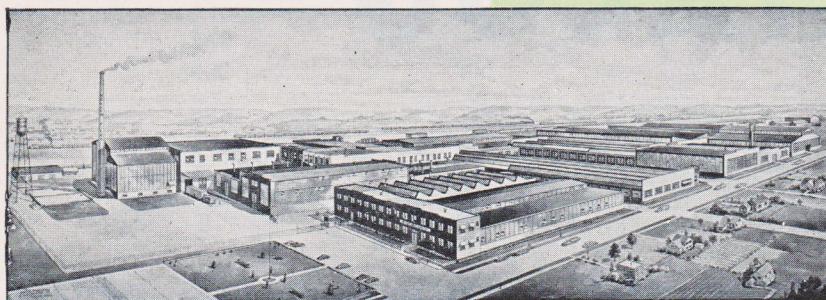
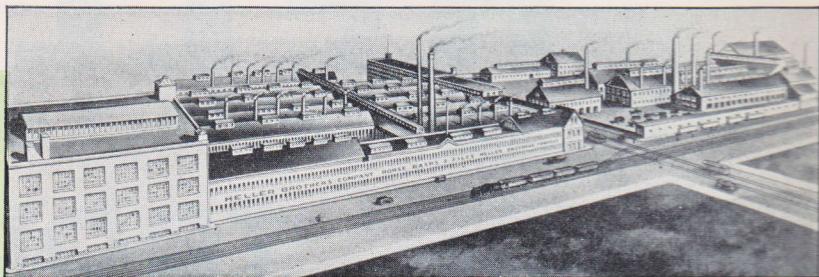
CANADIAN OFFICE  
INGERSOLL, ONT.



HELLER BROTHERS COMPANY

PLANT NUMBER ONE  
NEWARK, NEW JERSEY

GENERAL OFFICES  
EASTERN WAREHOUSE  
AND STEEL WORKS



PLANT NUMBER TWO  
NEWCOMERSTOWN, OHIO

MAIN  
MANUFACTURING PLANT  
AND  
RESEARCH LABORATORIES

## OVER 100 YEARS OF EXPERIENCE

MANUFACTURERS OF

NUCUT AMERICAN PATTERN FILES, SWISS PATTERN FILES, HELLER VIXEN  
MILLED CURVED TOOTH FILES, HORSE RASPS, WOOD RASPS, FARRIERS',  
BLACKSMITHS' AND AUTOMOTIVE TOOLS, MACHINISTS', CARPENTERS', TIN-  
NERS', BRICKLAYERS' AND TILE SETTERS' HAMMERS, MASTERENCHES AND  
TOOL STEEL



## FOREWORD

**T**

HIS TOOL CATALOG has been prepared to illustrate the tools which are now available. A permanent catalog will be issued in the near future.

Since 1836, through experimentation and careful research, and with the cooperation of our faithful employees, we have fashioned the fine HELLER TOOLS so essential to the present demand for INCREASED PRODUCTION.

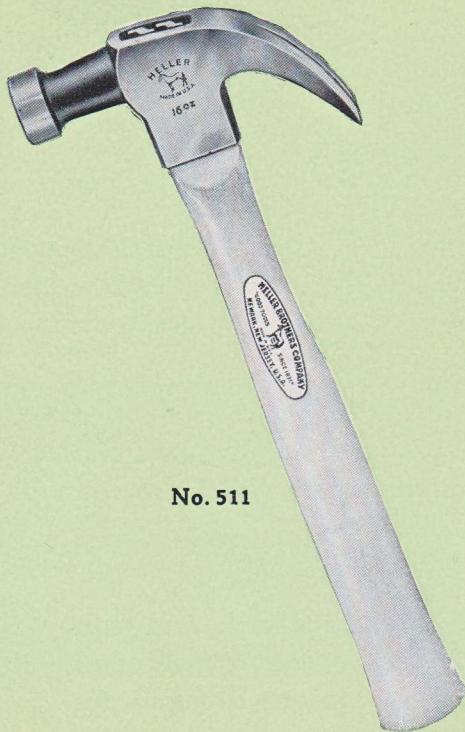
That we have been successful in our endeavor to produce QUALITY TOOLS has been proved by the steady year-by-year increase in our business.

We believe that this catalog will be a useful guide in selecting the tools you require.

Weights given in this catalog are approximated.

Our net price schedule showing current prices, terms, etc., will be sent upon request.

HELLER BROTHERS COMPANY



No. 511

No. 511  
Milled Face**HELLER NAIL HAMMERS**

CARPENTERS' ADZE EYE BELL FACE,  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
509	2½	7	½ doz.	3½ lbs.
510	2	13	½ doz.	8 lbs.
511	1½	16	½ doz.	9¼ lbs.
512	1	20	½ doz.	11½ lbs.

## MILLED FACE, POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
511	1½	16	½ doz.	9¼ lbs.
512	1	20	½ doz.	11½ lbs.

• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •

All hammers are drop forged.



No. 521

No. 500

No. 500  
Milled Face**HELLER NAIL HAMMERS**

CARPENTERS' ADZE EYE PLAIN FACE,  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
520	2	13	1/2 doz.	8 lbs.
521	1 1/2	16	1/2 doz.	9 1/4 lbs.
522	1	20	1/2 doz.	11 1/2 lbs.
523	0	28	1/2 doz.	15 1/2 lbs.

CARPENTERS' ADZE EYE BELL FACE RIPPING  
POLISHED FINISH

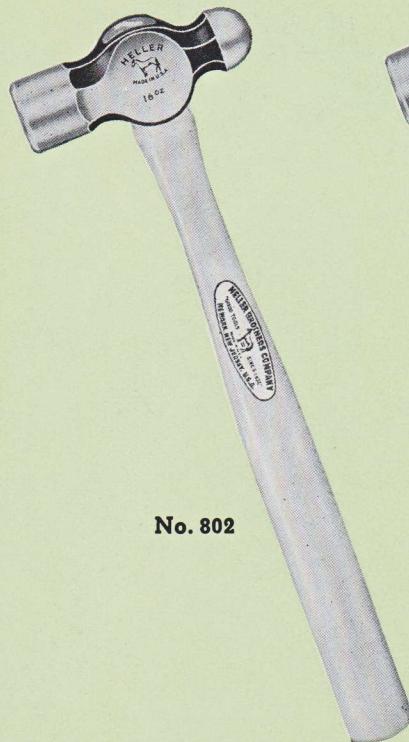
NO.	SIZE	OUNCE	PACKED	
500	1 1/2	16	1/2 doz.	9 1/4 lbs.
501	1	20	1/2 doz.	11 1/2 lbs.

MILLED FACE, POLISHED FINISH

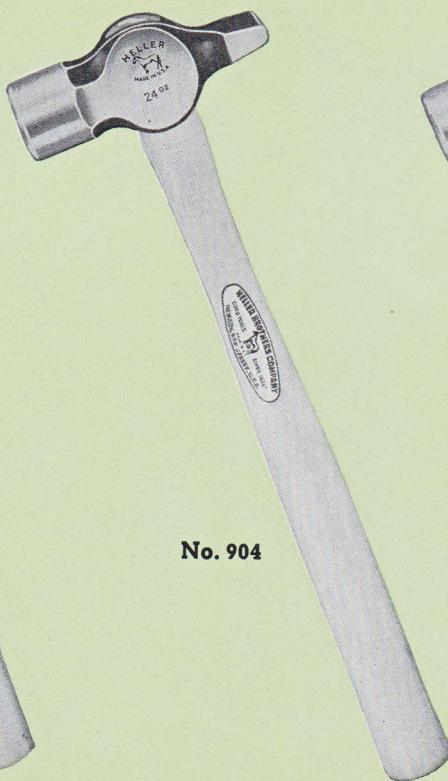
NO.	SIZE	OUNCE	PACKED	
500	1 1/2	16	1/2 doz.	9 1/4 lbs.
501	1	20	1/2 doz.	11 1/2 lbs.

• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •

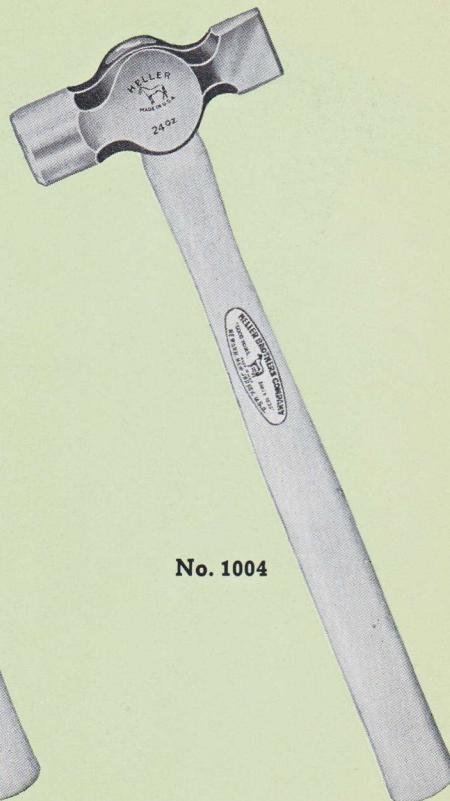
All hammers are properly hardened and tempered. Balanced correctly.



No. 802



No. 904



No. 1004

## HELLER MACHINISTS' HAMMERS

### BALL PEIN, POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
797	000000	1/8	1/2 doz.	1 1/4 lbs.
798	00000	1/4	1/2 doz.	2 1/2 lbs.
800	000	1/2	1/2 doz.	5 lbs.
801	00	3/4	1/2 doz.	6 1/2 lbs.
802	0	1	1/2 doz.	8 1/2 lbs.
803	1	1 1/4	1/2 doz.	10 1/4 lbs.
804	2	1 1/2	1/2 doz.	12 lbs.
806	4	2	1/2 doz.	15 1/2 lbs.
808	6	2 1/2	1/2 doz.	19 lbs.
810	8	3	1/2 doz.	22 lbs.

### CROSS PEIN, POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
904	2	1 1/2	1/2 doz.	12 lbs.

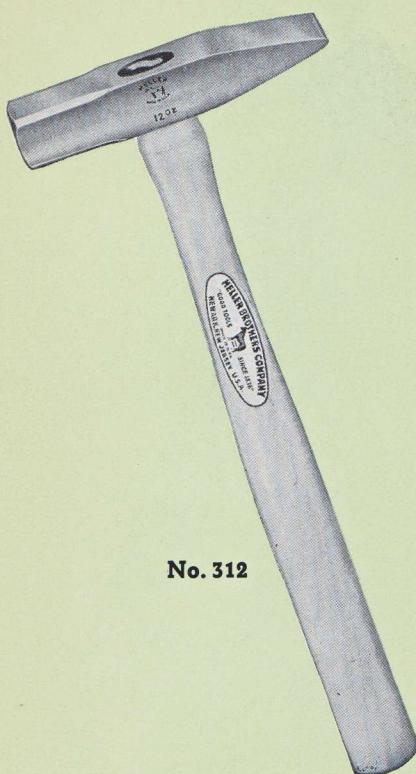
### STRAIGHT PEIN, POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
1004	2	1 1/2	1/2 doz.	12 lbs.

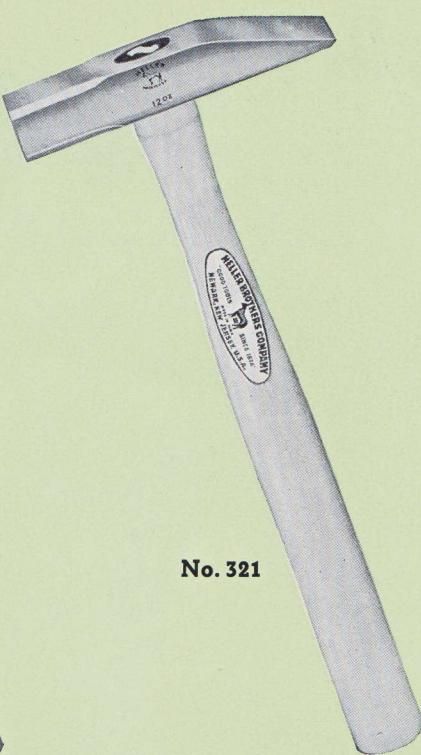
• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •

All hammers are drop forged.

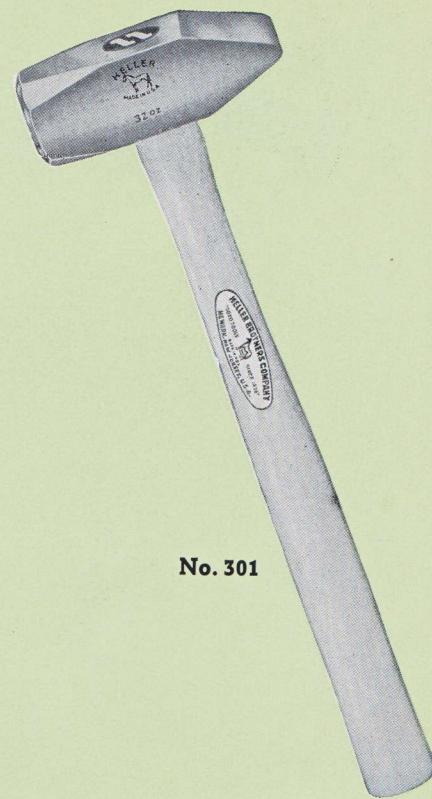




No. 312



No. 321



No. 301

## HELLER TINNERS' AND HAND HAMMERS

### TINNERS' RIVETING, FULL POLISHED FINISH

NO.	SIZE	POUNDS	PACKED
311	1	1/2	1/2 doz. 4 3/4 lbs.
312	2	3/4	1/2 doz. 6 3/4 lbs.
313	3	1	1/2 doz. 8 1/2 lbs.

### TINNERS' PANEING, FULL POLISHED FINISH

NO.	SIZE	POUNDS	PACKED
321	2	3/4	1/2 doz. 6 3/4 lbs.

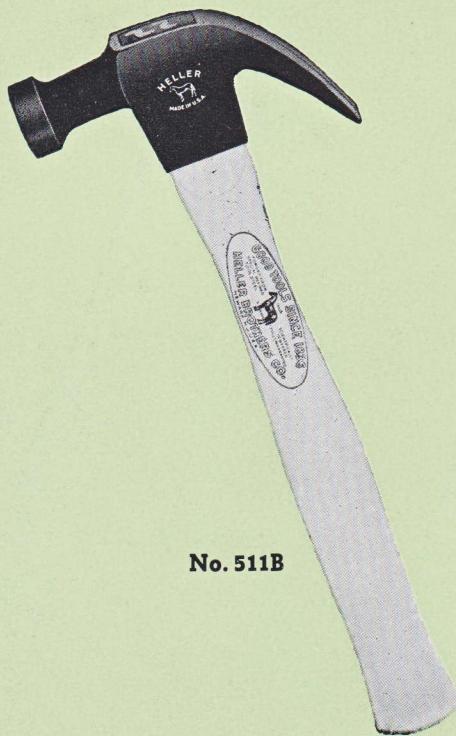
### BLACKSMITHS' HAND OR ENGINEERS, FULL POLISHED FINISH

NO.	SIZE	POUNDS	PACKED
300	0	1 1/2	1/3 doz. 9 lbs.
301	1	2	1/3 doz. 10 3/4 lbs.
302	2	2 1/2	1/3 doz. 13 lbs.
303	3	3	1/3 doz. 14 3/4 lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.





No. 511B

BLACK FINISH  
DISCONTINUED

## HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE BELL FACE, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED
509B	2½	7	½ doz.      3½ lbs.
510B	2	13	½ doz.      8 lbs.
511B	1½	16	½ doz.      9¼ lbs.
512B	1	20	½ doz.      11½ lbs.

## EXCELSIOR BRAND BLACK FINISH

509C	2½	7	½ doz.      3½ lbs.
511C	1½	16	½ doz.      9¼ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are drop forged.



**No. 521B****No. 500B**

**BLACK FINISH  
DISCONTINUED**

### HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE PLAIN FACE, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED	
521B	1 1/2	16	1/2 doz.	9 1/4 lbs.
522B	1	20	1/2 doz.	11 1/2 lbs.

#### EXCELSIOR BRAND BLACK FINISH

521C	1 1/2	16	1/2 doz.	9 1/4 lbs.
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CARPENTERS' ADZE EYE BELL FACE RIPPING, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED	
500B	1 1/2	16	1/2 doz.	9 1/4 lbs.
501B	1	20	1/2 doz.	11 1/2 lbs.

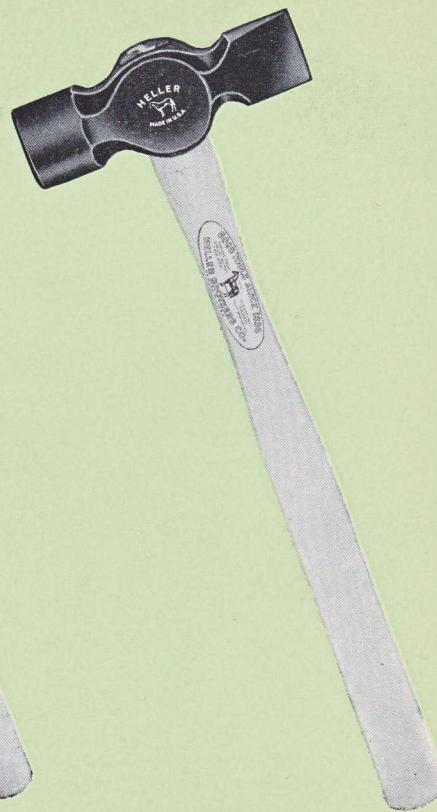
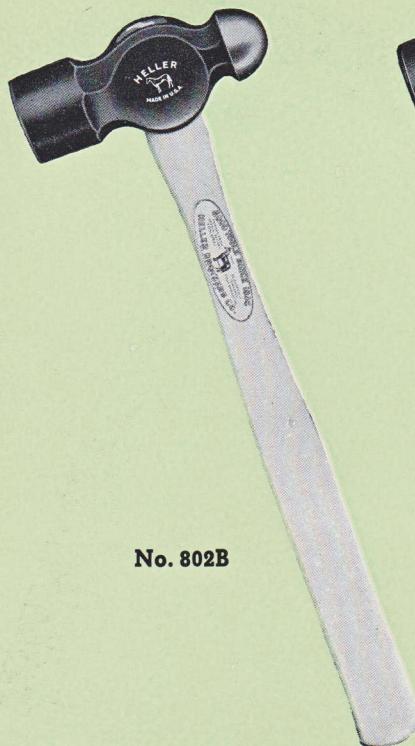
#### EXCELSIOR BRAND BLACK FINISH

500C	1 1/2	16	1/2 doz.	9 1/4 lbs.
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● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.





### HELLER MACHINISTS' HAMMERS

BALL PEIN, BLACK FINISH, POLISHED FACE AND PEIN

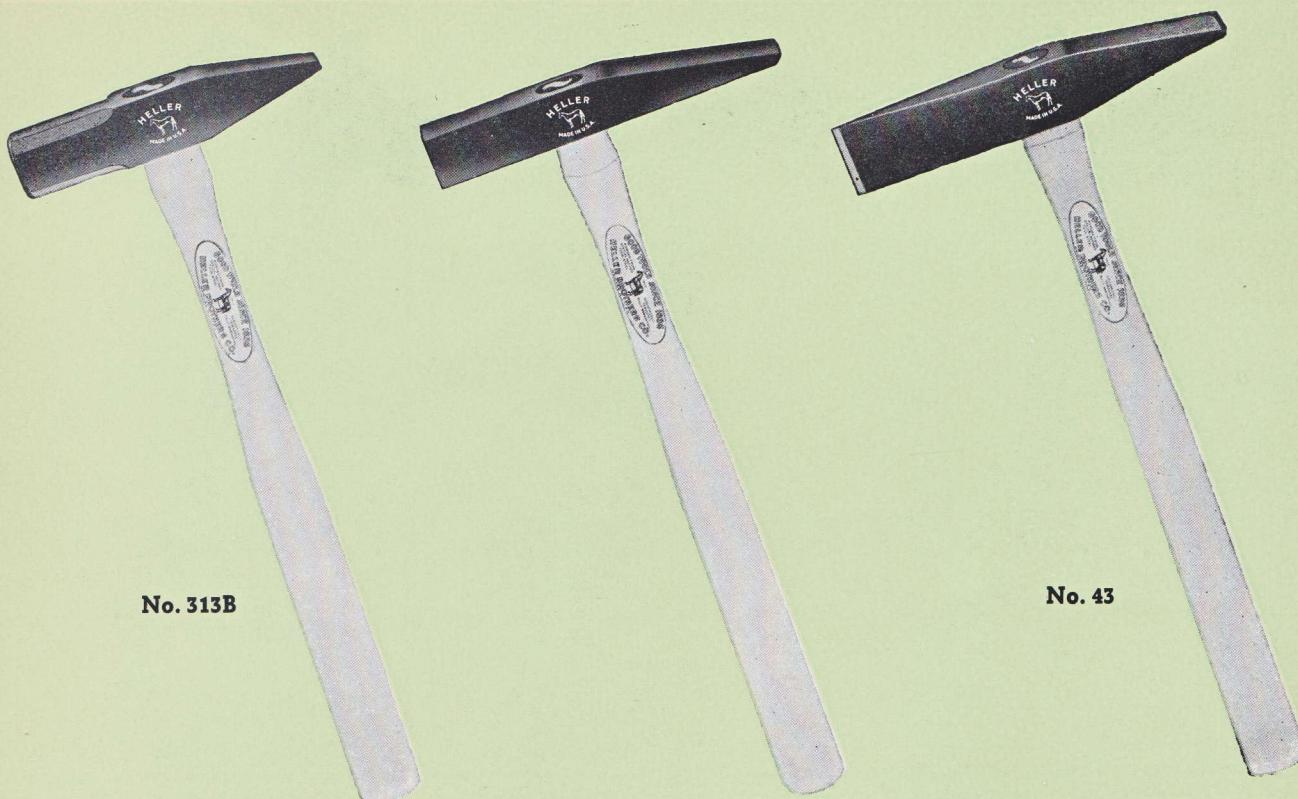
NO.	SIZE	POUNDS	PACKED	
798B	00000	1/4	1/2 doz.	2 1/2 lbs.
800B	000	1/2	1/2 doz.	5 lbs.
801B	00	3/4	1/2 doz.	6 1/2 lbs.
802B	0	1	1/2 doz.	8 1/2 lbs.
803B	1	1 1/4	1/2 doz.	10 1/4 lbs.
804B	2	1 1/2	1/2 doz.	12 lbs.
806B	4	2	1/2 doz.	15 1/2 lbs.
808B	6	2 1/2	1/2 doz.	19 lbs.
810B	8	3	1/2 doz.	22 lbs.

### EXCELSIOR BRAND BLACK FINISH

801C	00	3/4	1/2 doz.	6 1/2 lbs.
802C	0	1	1/2 doz.	8 1/2 lbs.
803C	1	1 1/4	1/2 doz.	10 1/4 lbs.
804C	2	1 1/2	1/2 doz.	12 lbs.
806C	4	2	1/2 doz.	15 1/2 lbs.

• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •  
All hammers are drop forged.





No. 313B

No. 43

**BLACK FINISH  
DISCONTINUED**

### HELLER TINNERS' HAMMERS

TINNERS' RIVETING, BLACK FINISH, POLISHED FACE

NO.	SIZE	POUNDS	PACKED
313B	3	1	½ doz.      8½ lbs.

### HELLER SCALING HAMMER

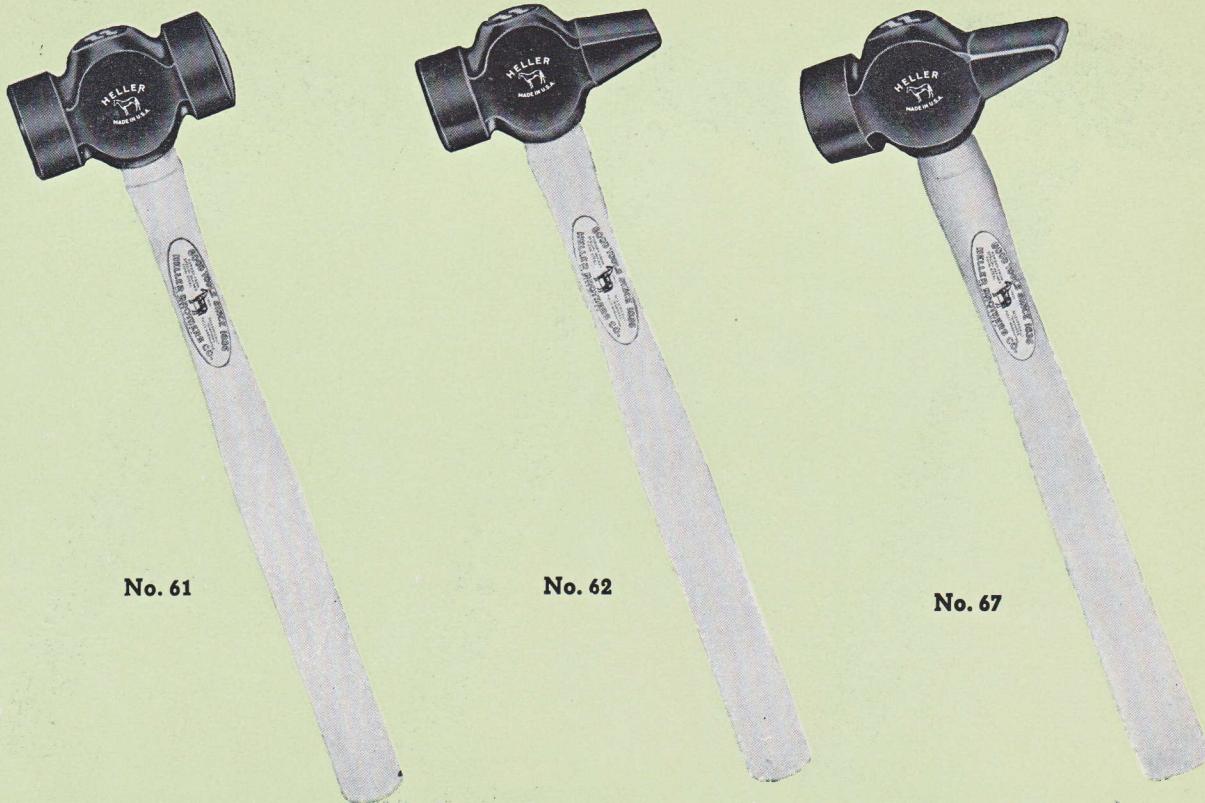
BLACK FINISH

NO.	SIZE	POUNDS	PACKED
43	0	1	½ doz.      7½ lbs.

• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •

All hammers are properly hardened and tempered. Balanced correctly.





No. 61

No. 62

No. 67

### HELLER FARRIERS' HAMMERS

ROUNDING OR TURNING, BLACK FINISH, POLISHED FACE

NO.	POUNDS	PACKED
61	2½	½ doz.      12½ lbs.

FITTING, BLACK FINISH, POLISHED FACE

NO.	POUNDS	PACKED
62	2½	⅓ doz.      11¾ lbs.

SHARPENING, BLACK FINISH, POLISHED FACE

NO.	POUNDS	PACKED
67	2½	¼ doz.      8 lbs.

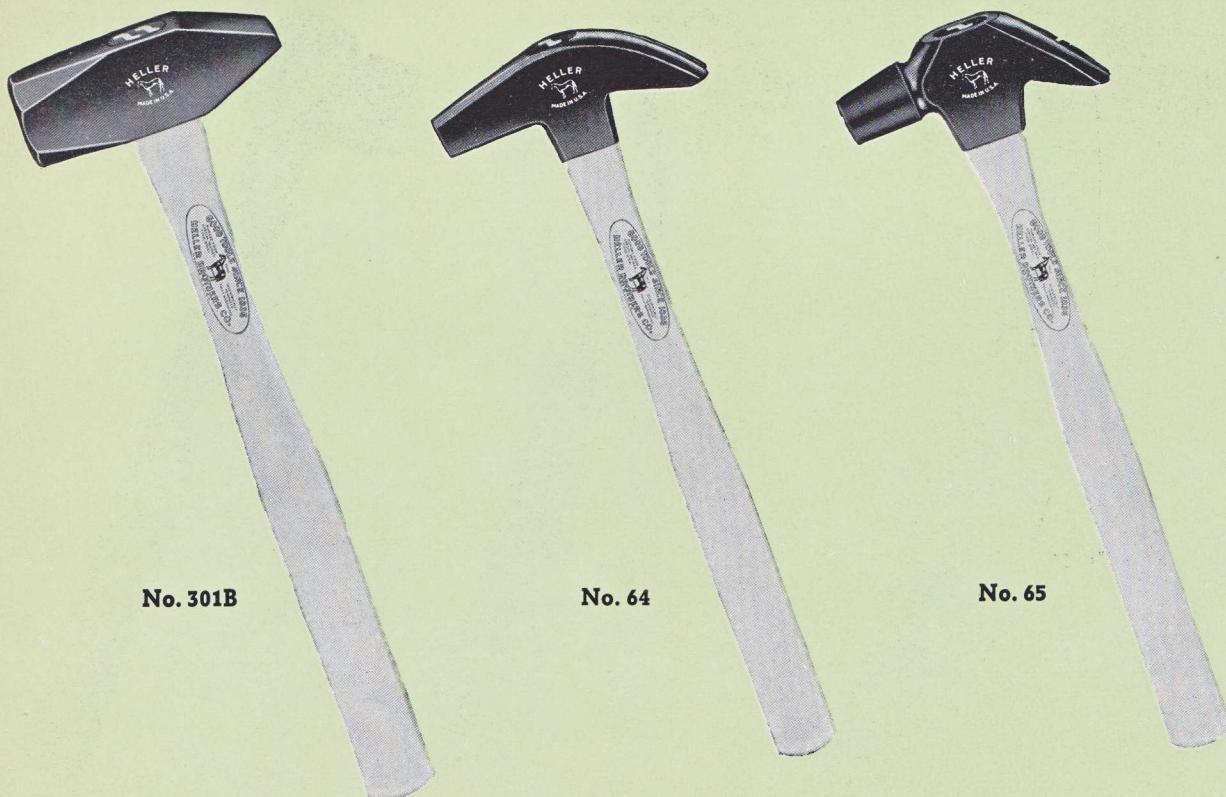
SHARPENING, CORRUGATED PEIN, BLACK FINISH, POLISHED FACE

NO.	POUNDS	PACKED
68	2½	¼ doz.      8 lbs.

• WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE •

All Farriers' Hammers Made with Grade A Handles Only.



**No. 301B****No. 64****No. 65**

## HELLER BLACKSMITHS' AND FARRIERS' HAMMERS

BLACKSMITHS' HAND OR ENGINEERS, BLACK FINISH,  
POLISHED FACE AND PEIN

NO.	SIZE	POUNDS	PACKED
300B	0	1½	1/3 doz. 9 lbs.
301B	1	2	1/3 doz. 10 1/4 lbs.
302B	2	2 1/2	1/3 doz. 13 lbs.
303B	3	3	1/3 doz. 14 3/4 lbs.

• WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •

## FARRIERS' HAMMERS

DRIVING, BLACK FINISH, POLISHED FACE

NO.	OUNCE	PACKED
64	14	1/2 doz. 7 1/2 lbs.

DRIVING, HELLER'S PATTERN, BLACK FINISH, POLISHED FACE

NO.	OUNCE	PACKED
65	16	1/2 doz. 8 3/4 lbs.

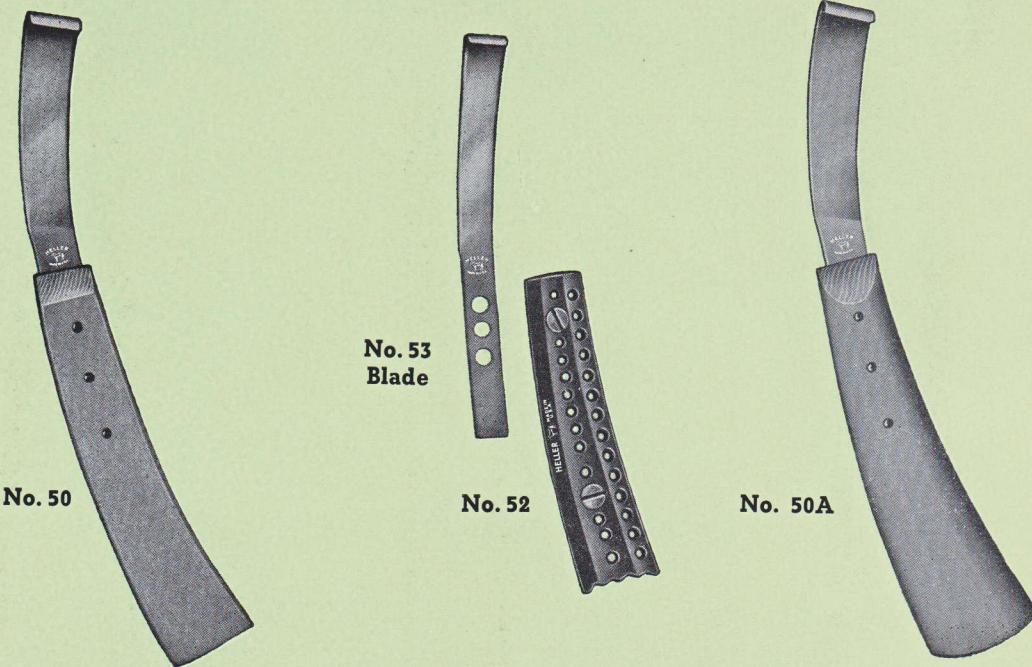
DRIVING ("RACE-TRAK") FULL POLISHED

NO.	OUNCE	PACKED
65	10	1/2 doz. 5 lbs.

• WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE •

All hammers are drop forged with flash and scale removed.





### HELLER FARRIERS' KNIVES

#### NO. 50 WOOD HANDLE KNIVES

SIZE	PACKED
$\frac{1}{4}$ " Blades	1 doz. $2\frac{1}{4}$ lbs.
$\frac{3}{8}$ " Blades	1 doz. $2\frac{1}{4}$ lbs.
$\frac{1}{2}$ " Blades	1 doz. $2\frac{1}{2}$ lbs.
$\frac{5}{8}$ " Blades	1 doz. $2\frac{1}{2}$ lbs.
$\frac{3}{4}$ " Blades	1 doz. $2\frac{3}{4}$ lbs.
$\frac{7}{8}$ " Blades	1 doz. $2\frac{3}{4}$ lbs.
1" Blades	1 doz. $2\frac{3}{4}$ lbs.

#### NO. 52 ADJUSTABLE IRON HANDLE KNIVES

SIZE	PACKED
$\frac{1}{4}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
$\frac{3}{8}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
$\frac{1}{2}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
$\frac{5}{8}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
$\frac{3}{4}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
$\frac{7}{8}$ " Blades	1 doz. $4\frac{1}{2}$ lbs.
1" Blades	1 doz. $4\frac{1}{2}$ lbs.

#### NO. 53 BLADES

SIZE	PACKED
$\frac{1}{4}$ "	1 doz. $\frac{3}{4}$ lb.
$\frac{3}{8}$ "	1 doz. 1 lb.
$\frac{1}{2}$ "	1 doz. 1 lb.
$\frac{5}{8}$ "	1 doz. 1 lb.
$\frac{3}{4}$ "	1 doz. 1 lb.
$\frac{7}{8}$ "	1 doz. $1\frac{1}{8}$ lbs.
1"	1 doz. $1\frac{1}{8}$ lbs.

#### NO. 50A ROUND WOOD HANDLE KNIVES

SIZE	PACKED
$\frac{1}{4}$ " Blades	1 doz. $2\frac{1}{2}$ lbs.
$\frac{3}{8}$ " Blades	1 doz. $2\frac{1}{2}$ lbs.
$\frac{1}{2}$ " Blades	1 doz. $2\frac{3}{4}$ lbs.
$\frac{5}{8}$ " Blades	1 doz. $2\frac{3}{4}$ lbs.
$\frac{3}{4}$ " Blades	1 doz. 3 lbs.
$\frac{7}{8}$ " Blades	1 doz. $3\frac{1}{8}$ lbs.
1" Blades	1 doz. $3\frac{1}{4}$ lbs.

Hardened and Tempered Steel Blades Set in Handles That Fit the Hand.





No. 20



No. 21



No. 48

### HELLER FARRIERS' AND CARPENTERS' PINCERS

#### FARRIERS' PINCERS

NO.	SIZE	PACKED	
*20	14" J. I. C.	1/4 doz.	9 1/2 lbs.
21	12"	1/2 doz.	13 1/4 lbs.

With Jaws especially designed for removing Horseshoes.

\*Made with Ball-End Reins.

#### CARPENTERS' PINCERS

NO.	SIZE	PACKED	
47	10"	1/2 doz.	9 1/4 lbs.
48	8"	1/2 doz.	5 1/4 lbs.
49	6"	1/2 doz.	1 1/2 lbs.

With Hammer Jaws, Claws and Screw Driver





No. 24



No. 25



No. 23E

DISCONTINUED

## HELLER FARRIERS' NIPPERS

### CUTTING NIPPERS

NO.	SIZE	PACKED	
24	14"	½ doz.	16¾ lbs.
24A	12"	½ doz.	13¾ lbs.
24B	10"	½ doz.	7¾ lbs.
24C	8"	½ doz.	4¾ lbs.

Wide Steel Reins give Extra Strength and Rigidity.

### LIGHT CUTTING NIPPERS

NO.	SIZE	PACKED	
25	15"	½ doz.	15½ lbs.
26	13"	½ doz.	14 lbs.

Lightest for its Strength. Strongest for its Weight.

### EASY CUTTING NIPPERS

NO.	SIZE	PACKED	
23E	14"	1 only	3¼ lbs.

DISCONTINUED



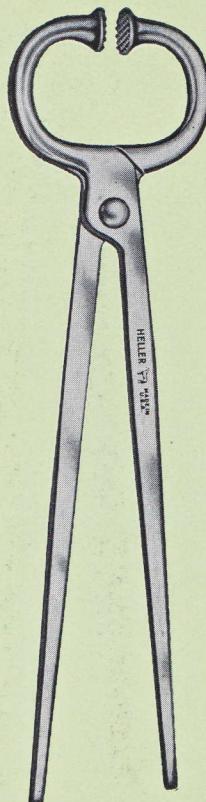


No. 23D

No. 23



No. 27



DISCONTINUED

**HELLER FARRIERS' PARERS AND HOOF TESTER****EASY CUTTING HOOF PARER**

NO.	SIZE	PACKED
23D	14"	1 only      3 1/4 lbs.

**HOOF PARERS**

NO.	SIZE	PACKED
23	14"	1/2 doz.      13 1/2 lbs.
23A	12"	1/2 doz.      12 1/4 lbs.

For trimming Horses' Hoofs.

**HOOF TESTER**

NO.	SIZE	PACKED
+27	15"	1/2 doz.      10 3/4 lbs.

For testing Horses' Hoofs.

† Will discontinue size on depletion of stock.





No. 28



No. 29



No. 30

## HELLER FARRIERS' TOOLS

### CLINCHER

NO.	SIZE	PACKED
28	14"	½ doz. 12 lbs.

For Clinching Horseshoe Nails.

### HORSE NAIL PULLER OR COTTER PIN PULLER

NO.	SIZE	PACKED
29	10"	½ doz. 3½ lbs.

With Screw Driver and Lever End.

For Extracting Horseshoe Nails and Cotter Pins.

### PRITCHELS

NO.	SIZE	PACKED
30	12"	1 doz. 11¼ lbs.

Made from  $\frac{5}{8}$  inch Octagon Tool Steel.

For Clearing Nail Hole in Horseshoe.





No. 31



No. 32



No. 33



No. 33A

### HELLER FARRIERS' TOOLS

#### FARRIERS' STRAIGHT HARDIES

NO.	SIZE	PACKED
31	7/8" Shanks	1/2 doz.      7 1/4 lbs.
	1" Shanks	1/2 doz.      7 1/2 lbs.
	1 1/8" Shanks	1/2 doz.      8 3/4 lbs.
	1 1/4" Shanks	1/2 doz.      11 lbs.

#### FARRIERS' HALF ROUND HARDIES

NO.	SIZE	PACKED
32	7/8" Shanks	1/2 doz.      7 lbs.
	1" Shanks	1/2 doz.      7 1/2 lbs.
	1 1/8" Shanks	1/2 doz.      8 lbs.
	1 1/4" Shanks	1/2 doz.      10 lbs.

#### CREASING FULLERS

NO.	SIZE	PACKED
33	7/8"	1 doz.      5 lbs.
	1"	1 doz.      5 lbs.
	1 1/8"	1 doz.      5 lbs.

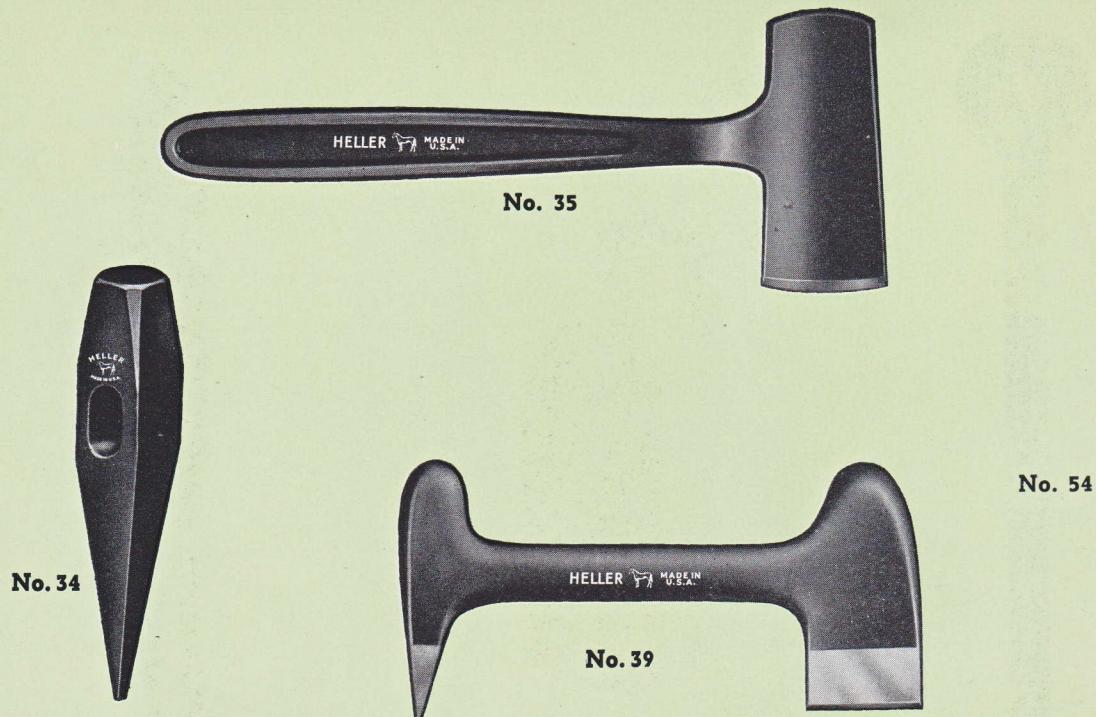
#### SCOTCH PATTERN CREASING FULLERS

NO.	SIZE	PACKED
33A	+ 1"	1/2 doz.      5 lbs.
	+ 1 1/8"	1/2 doz.      5 lbs.
	+ 1 1/4"	1/2 doz.      5 lbs.

For Trimming and Grooving Horseshoes.

† Will discontinue size on depletion of stock.





**DISCONTINUED**

### HELLER FARRIERS' TOOLS

#### FORE PUNCH

NO.	SIZE	PACKED
34	4 1/4"	1 doz. 5 lbs.

For Clearing Nail Holes in Horseshoes.

#### SOLE KNIVES

NO.	SIZE	PACKED
35	8 to 8 1/2"	1 doz. 9 3/4 lbs.

For Trimming Horses' Hoofs.

#### BUFFER

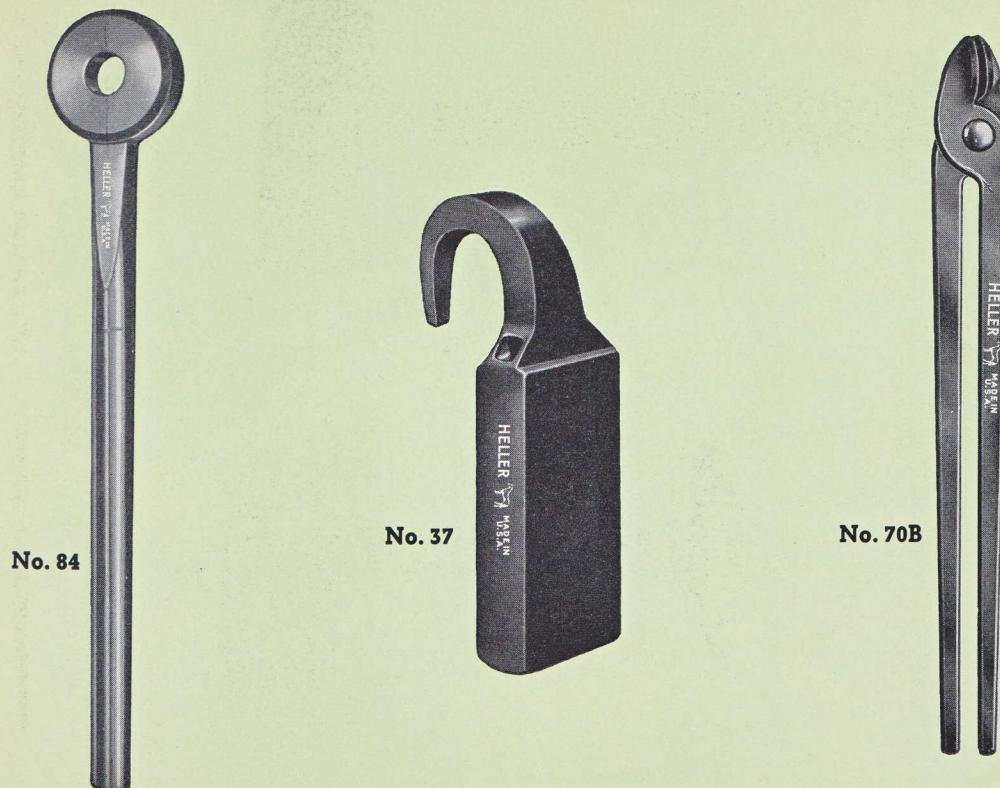
NO.	SIZE	PACKED
39	6"	1 doz. 9 3/4 lbs.

For Clearing Nail Holes in Horseshoes and Trimming Horses' Hoofs.

#### ROUND KNIFE FILE

NO.	SIZE	PACKED
54	4"	1 doz. 1/2 lb.

Made especially to sharpen the inner surface of the curved end of blade in Farriers' Knife.



DISCONTINUED

**HELLER BLACKSMITHS' AND FARRIERS' TOOLS****HEADING TOOLS — ROUND HOLE**

<b>NO.</b>	<b>SIZE</b>	<b>LENGTH</b>	<b>WEIGHT PER DOZ.</b>
84	† $\frac{3}{4}$ " † $\frac{7}{8}$ "	18"	48 lbs.
		18"	48 lbs.

For Holding Round Stock While Forging Head.

**FARRIERS' CLINCH IRON**

<b>NO.</b>	<b>SIZE</b>	<b>WEIGHT PER DOZ.</b>
37	† $1\frac{1}{2}$ " x $\frac{3}{4}$ " x $4\frac{5}{8}$ "	15 lbs.

For Holding Horseshoe Nail in Position While Clinching.

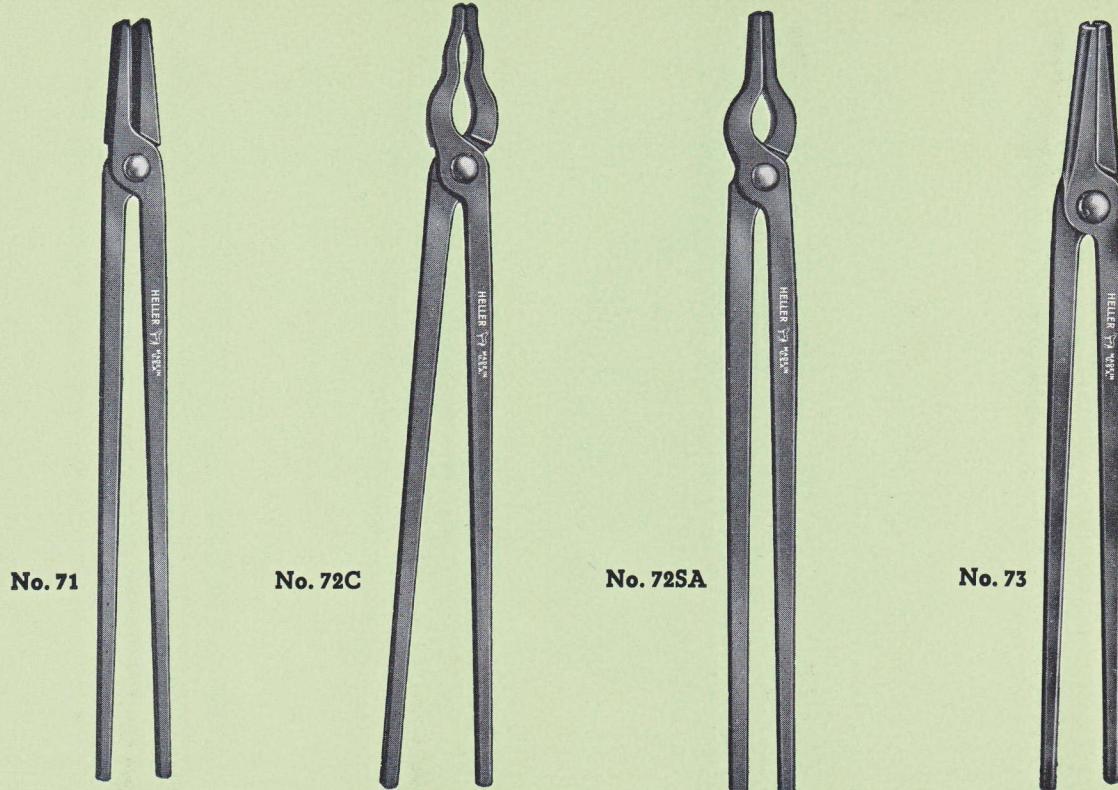
**FARRIERS' TONGS**

<b>NO.</b>	<b>SIZE</b>	<b>WEIGHT PER DOZ.</b>
70A	14"	20 $\frac{1}{4}$ lbs.
70B	16"	26 $\frac{1}{4}$ lbs.

To Hold Horseshoes.

† Will discontinue size on depletion of stock.





### HELLER BLACKSMITHS' TONGS BLACKSMITHS' STRAIGHT LIP TONGS

NO.	SIZE	WEIGHT PER DOZ.
71B	16" x 0"	26 1/4 lbs.
71C	18" x 1/4"	27 lbs.
71D	20" x 1/2"	36 3/4 lbs.
71E	22" x 3/4"	39 3/4 lbs.
71F	24" x 1"	56 lbs.

Straight Lip for Holding Flats.

### BLACKSMITHS' DOUBLE PICK-UP TONGS

NO.	SIZE	WEIGHT PER DOZ.
72	18"	27 lbs.
72A	20"	28 lbs.
72B	22"	30 lbs.
72C	24"	32 1/2 lbs.

For Holding Flats or Rounds.

### BLACKSMITHS' SINGLE PICK-UP TONGS

NO.	SIZE	WEIGHT PER DOZ.
72R	18"	28 lbs.
72S	20"	29 lbs.
72SP	22"	30 lbs.
72SA	24"	32 1/2 lbs.

For Holding Heavy Flats or Rounds.

### BLACKSMITHS' "V" SHAPED TONGS

NO.	SIZE	WEIGHT PER DOZ.
73B	18" x 1/4"	26 1/4 lbs.
73C	20" x 1/2"	36 lbs.
73D	22" x 3/4"	39 3/4 lbs.
73E	24" x 1"	52 3/4 lbs.
73F	26" x 1 1/4"	57 3/4 lbs.

For Holding Squares.





No. 74



No. 75



No. 76C



No. 77C

### HELLER BLACKSMITHS' TONGS

#### BLACKSMITHS' CURVED LIP FLUTED JAW TONGS

NO.	SIZE	WEIGHT PER DOZ.
74	18" x $\frac{1}{4}$ "	30 lbs.
74A	20" x $\frac{1}{2}$ "	40½ lbs.
74B	22" x $\frac{3}{4}$ "	45 lbs.
74C	24" x 1"	53¼ lbs.
74D	26" x 1½"	78¼ lbs.

For Holding Bolts or Rounds.

#### BLACKSMITHS' BRAZING TONGS

NO.	SIZE	WEIGHT PER DOZ.
75	18"	41¼ lbs.

For Holding Band Saws.

#### BLACKSMITHS' GAD TONGS

NO.	SIZE	WEIGHT PER DOZ.
76C	24"	54 lbs.

For General Forging Purposes.

#### BLACKSMITHS' RIVET TONGS

NO.	SIZE	WEIGHT PER DOZ.
77	18"	25½ lbs.
77A	20"	26½ lbs.
77B	22"	30½ lbs.
77C	24"	33 lbs.

For Handling Hot Rivets.





No. 95



No. 96



No. 98



No. 99

### HELLER BLACKSMITHS' ANVIL TOOLS

#### BLACKSMITHS' COLD CHISELS

NO.	CUTTING EDGE INCHES	SIZE OF STOCK INCHES	LENGTH INCHES	WEIGHT PER DOZ.
95	1 1/4	1 1/4	6	24 lbs.
	1 1/2	1 1/2	7	36 lbs.
	1 3/4	1 3/4	8	60 lbs.

For Nicking and Breaking Cold Steel

#### BLACKSMITHS' HOT CHISELS

NO.	CUTTING EDGE INCHES	SIZE OF STOCK INCHES	LENGTH INCHES	WEIGHT PER DOZ.
96	1 1/2	1 1/4	7 3/8	24 lbs.
	2	1 1/2	8 1/4	36 lbs.
	2 1/4	1 3/4	9 3/4	60 lbs.

For Cutting Hot Steel

#### BLACKSMITHS' ROUND PUNCHES

NO.	SIZE OF FACE	WEIGHT PER DOZ.
98	1/4"	18 lbs.
	3/8"	21 lbs.
	1/2"	24 lbs.
	5/8"	27 lbs.
	3/4"	30 lbs.
	7/8"	36 lbs.
	1"	39 lbs.

For Clearing and Enlarging Round Holes.

#### BLACKSMITHS' SQUARE PUNCHES

NO.	SIZE OF FACE	WEIGHT PER DOZ.
99	1/4"	21 lbs.
	3/8"	25 lbs.
	1/2"	27 lbs.
	5/8"	30 lbs.
	3/4"	33 lbs.
	7/8"	38 lbs.
	1"	42 lbs.

For Clearing and Enlarging Square Holes.





### HELLER BLACKSMITHS' ANVIL TOOLS

#### BOTTOM SWAGES

NO.	Size	Weight Per Doz.
100	1/4"	24 lbs.
	3/8"	26 lbs.
	1/2"	27 lbs.
	5/8"	29 lbs.
	3/4"	30 lbs.
	7/8"	34 lbs.
	1"	36 lbs.
	1 1/4"	36 lbs.
	1 1/2"	42 lbs.
	1 3/4"	48 lbs.
	2"	51 lbs.

Shanks for 1-inch Anvil Hole.  
For Reducing and Smoothing Round  
Forgings.

#### TOP SWAGES

NO.	Size	Weight Per Doz.
101	1/4"	27 lbs.
	3/8"	27 lbs.
	1/2"	27 lbs.
	5/8"	34 lbs.
	3/4"	36 lbs.
	7/8"	37 lbs.
	1"	39 lbs.
	1 1/4"	42 lbs.
	1 1/2"	48 lbs.
	1 3/4"	52 lbs.
	2"	54 lbs.

#### BOTTOM FULLERS

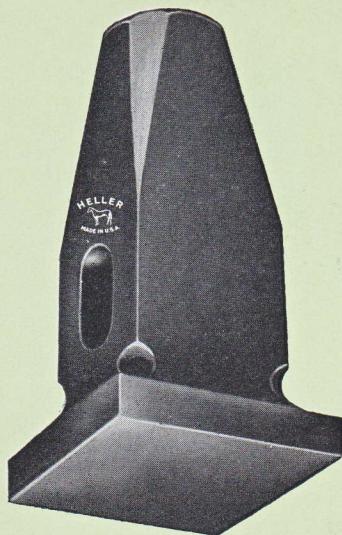
NO.	Size	Weight Per Doz.
102	1/4"	24 lbs.
	1/2"	30 lbs.
	3/4"	33 lbs.
	1"	36 lbs.
	1 1/4"	39 lbs.
	1 1/2"	42 lbs.
	2"	57 lbs.

Shanks for 1-inch Anvil Hole.  
For Shaping and Grooving Forgings.

#### TOP FULLERS

NO.	Size	Weight Per Doz.
103	1/4"	27 lbs.
	1/2"	30 lbs.
	3/4"	33 lbs.
	1"	36 lbs.
	1 1/4"	39 lbs.
	1 1/2"	42 lbs.
	2"	54 lbs.

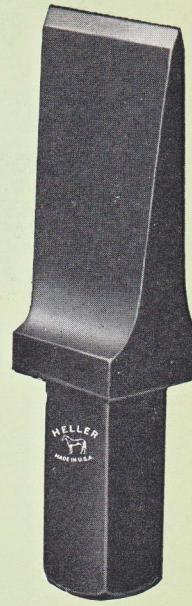
For Shaping and Grooving Forgings.



No. 104



No. 105



No. 97

### HELLER BLACKSMITHS' ANVIL TOOLS

#### NO. 104 SQUARE FLATTERS

SIZE	WEIGHT PER DOZ.
2"	30 lbs.
2½"	42 lbs.
3"	60 lbs.
4"	78 lbs.

For Flattening and Finishing Heavy Metals.

#### NO. 105 SET HAMMERS

SIZE	WEIGHT PER DOZ.
1"	14½ lbs.
1¼"	18 lbs.
1½"	24 lbs.

For Setting Down and Squaring Corners of Heavy Metals.

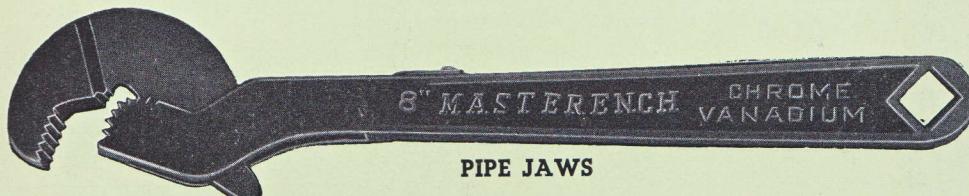
#### NO. 97 BLACKSMITHS' STRAIGHT HARDIES

Size of Shanks	Weight Per Doz.
5/8"	10 lbs.
3/4"	15 lbs.
7/8"	22 lbs.
1"	24 lbs.
1 1/8"	30 lbs.
1 1/4"	36 lbs.

For Cutting Off Hot Metal and Trimming Forgings.



### Also Made in Polished Finish



### HELLER MASTERENCHES

ITS VISELIKE GRIP WILL NEVER SLIP

The *Masterench* takes hold of any nut or pipe instantly *without adjustment*. It is always ready for use. A simple ratchet action makes the *Masterench* self-adjustable.

All parts are *Drop Forged* from the highest quality Steel especially heat treated. Every forging is accurately milled and put through a die to assure absolute uniformity.

#### MASTERENCHES—Smooth Jaws for Nuts and Bolts

Length	Capacity Inches	Packed
6"	5/16 to 1 1/16	1/2 doz. 1 3/4 lbs.
8"	1/2 to 1 1/16	1/2 doz. 3 3/4 lbs.
10"	9/16 to 1 1/4	1/2 doz. 6 lbs.
14"	7/8 to 1 13/16	1 only 2 3/4 lbs.
18"	1 1/8 to 2 1/2	1 only 4 1/4 lbs.

Made in Black and Polished Finish.

#### MASTERENCHES—Pipe Jaws with Teeth for Use on Pipes

Length	Capacity	Capacity	Packed
	Takes Pipe	Inches	
*6"	1/8 to 3/8	5/16 to 1 1/16	1/2 doz. 1 3/4 lbs.
8"	1/4 to 3/4	1/2 to 1 1/16	1/2 doz. 3 3/4 lbs.
10"	3/8 to 1	9/16 to 1 1/4	1/2 doz. 6 lbs.
14"	1/2 to 1 1/2	7/8 to 1 13/16	1 only 2 3/4 lbs.
18"	3/4 to 2	1 1/8 to 2 1/2	1 only 4 1/4 lbs.

Made in Black and Polished Finish.

\*This 6" Masterench is recommended for Battery Work.



**No. 90****No. 85****No. 86****No. 87****No. 88**

### HELLER HAND CHISELS

#### NO. 90—BULL POINT CHISELS

Size	Packed per 1/2 Doz.
12 x $\frac{7}{8}$ "	12 lbs.
15 x 1"	20 lbs.
24 x $1\frac{1}{4}$ "	52 lbs.

#### NO. 85—HAND COLD CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
$\frac{1}{4}$ "	$\frac{5}{16}$ "	5	1 lb.
$\frac{5}{16}$ "	$\frac{3}{8}$ "	5	$1\frac{1}{4}$ lbs.
$\frac{3}{8}$ "	$\frac{7}{16}$ "	$5\frac{1}{2}$	2 lbs.
$\frac{7}{16}$ "	$\frac{1}{2}$ "	6	3 lbs.
$\frac{1}{2}$ "	$\frac{5}{8}$ "	6	4 lbs.
$\frac{5}{8}$ "	$\frac{3}{4}$ "	$6\frac{1}{2}$	$6\frac{3}{4}$ lbs.
$\frac{3}{4}$ "	$\frac{7}{8}$ "	$7\frac{1}{2}$	$10\frac{3}{4}$ lbs.
$\frac{7}{8}$ "	1"	8	$15\frac{1}{2}$ lbs.
1"	$1\frac{1}{8}$ "	$8\frac{1}{2}$	$22\frac{1}{2}$ lbs.

Sold by Size of Stock

#### NO. 85—HAND COLD CHISELS

Size of Stock	Extra Width of Bit	Length Inches	Packed per 1/2 Doz.
$\frac{1}{2}$ "	$\frac{5}{8}$ "	12	$4\frac{1}{4}$ lbs.
$\frac{5}{8}$ "	$\frac{3}{4}$ "	12	$6\frac{1}{2}$ lbs.
$\frac{3}{4}$ "	$\frac{7}{8}$ "	12	$7\frac{3}{4}$ lbs.
$\frac{7}{8}$ "	1"	12	$12\frac{1}{2}$ lbs.
1"	$1\frac{1}{8}$ "	12	$15\frac{3}{4}$ lbs.
$\frac{3}{4}$ "	$\frac{7}{8}$ "	18	$13\frac{3}{4}$ lbs.
$\frac{7}{8}$ "	1"	18	18 lbs.
1"	$1\frac{1}{8}$ "	18	$24\frac{1}{2}$ lbs.
$\frac{7}{8}$ "	1"	24	$24\frac{1}{2}$ lbs.
1"	$1\frac{1}{8}$ "	24	$32\frac{1}{2}$ lbs.

Sold by Size of Stock

#### NO. 86—CAPE CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
$\frac{1}{4}$ "	$\frac{1}{8}$ "	5	1 lb.
$\frac{3}{8}$ "	$\frac{3}{16}$ "	5	$1\frac{3}{4}$ lbs.
$\frac{1}{2}$ "	$\frac{1}{4}$ "	6	$3\frac{1}{4}$ lbs.
$\frac{1}{2}$ "	$\frac{5}{16}$ "	7	4 lbs.
$\frac{5}{8}$ "	$\frac{3}{8}$ "	7	6 lbs.
$\frac{3}{4}$ "	$\frac{1}{2}$ "	$7\frac{1}{2}$	$9\frac{3}{4}$ lbs.
$\frac{7}{8}$ "	$\frac{5}{8}$ "	8	$14\frac{1}{2}$ lbs.
1"	$\frac{3}{4}$ "	$8\frac{1}{2}$	$18\frac{1}{2}$ lbs.

Sold by Size of Bit

#### NO. 87—ROUND NOSE CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
$\frac{3}{8}$ "	$\frac{3}{16}$ "	$5\frac{1}{4}$	2 lbs.
$\frac{1}{2}$ "	$\frac{1}{4}$ "	6	$3\frac{1}{2}$ lbs.
$\frac{1}{2}$ "	$\frac{5}{16}$ "	7	$4\frac{1}{2}$ lbs.
$\frac{5}{8}$ "	$\frac{3}{8}$ "	7	$6\frac{1}{2}$ lbs.
$\frac{3}{4}$ "	$\frac{1}{2}$ "	$7\frac{1}{2}$	$9\frac{3}{4}$ lbs.
$\frac{7}{8}$ "	$\frac{5}{8}$ "	8	$14\frac{1}{2}$ lbs.
1"	$\frac{3}{4}$ "	$8\frac{1}{2}$	$18\frac{1}{2}$ lbs.

Sold by Size of Bit

#### NO. 88—DIAMOND POINT CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
$\frac{1}{2}$ "	$\frac{1}{4}$ "	6	5 lbs.
$\frac{1}{2}$ "	$\frac{5}{16}$ "	7	5 lbs.
$\frac{5}{8}$ "	$\frac{3}{8}$ "	7	$6\frac{1}{2}$ lbs.
$\frac{3}{4}$ "	$\frac{1}{2}$ "	$7\frac{1}{2}$	$10\frac{1}{2}$ lbs.
$\frac{7}{8}$ "	$\frac{5}{8}$ "	8	$15\frac{1}{4}$ lbs.
1"	$\frac{3}{4}$ "	$8\frac{1}{2}$	22 lbs.

Sold by Size of Bit

No. 89



No. 422



No. 432



No. 444



No. 450

## HELLER HAND PUNCHES

### DRIFT PUNCHES OR LINING UP BARS

NO.	Size Inches	Packed Per Doz.
420	5 x $\frac{1}{4}$ x $\frac{1}{8}$	$\frac{3}{4}$ lb.
421	6 x $\frac{5}{16}$ x $\frac{1}{8}$	1 $\frac{1}{4}$ lbs.
422	8 x $\frac{3}{8}$ x $\frac{3}{16}$	2 $\frac{1}{2}$ lbs.
423	9 x $\frac{1}{2}$ x $\frac{1}{4}$	4 $\frac{3}{4}$ lbs.
424	11 x $\frac{5}{8}$ x $\frac{5}{16}$	9 $\frac{1}{4}$ lbs.
425	16 x $\frac{5}{8}$ x $\frac{5}{16}$	14 $\frac{3}{4}$ lbs.

For Lining Up Parts of Machines.

### RIVET PUNCHES

NO.	Size Inches	Packed Per Doz.
430	4 x $\frac{5}{16}$ x $\frac{1}{8}$	1 lb.
431	5 x $\frac{3}{8}$ x $\frac{1}{8}$	1 $\frac{3}{4}$ lbs.
432	6 x $\frac{1}{2}$ x $\frac{3}{16}$	3 $\frac{3}{4}$ lbs.
433	7 x $\frac{5}{8}$ x $\frac{1}{4}$	5 $\frac{3}{4}$ lbs.
434	11 x $\frac{5}{8}$ x $\frac{1}{4}$	10 $\frac{1}{4}$ lbs.

For Heavy Work.

### PIN PUNCHES

NO.	Size Pt.	Size of Stk.	Length Inches	Packed per Doz.
440	$\frac{3}{32}$	$\frac{1}{4}$ "	$4\frac{3}{16}$	$\frac{1}{2}$ lb.
441	$\frac{1}{8}$	$\frac{5}{16}$ "	$4\frac{3}{4}$	1 lb.
442	$\frac{5}{32}$	$\frac{3}{8}$ "	$5\frac{1}{4}$	$1\frac{1}{2}$ lbs.
443	$\frac{7}{32}$	$\frac{7}{16}$ "	$5\frac{5}{8}$	2 lbs.
444	$\frac{1}{4}$	$\frac{1}{2}$ "	$6\frac{5}{16}$	$2\frac{3}{4}$ lbs.
445	$\frac{5}{16}$	$\frac{1}{2}$ "	$6\frac{5}{8}$	$3\frac{1}{4}$ lbs.

For Driving Out Pins.

Box of six assorted Pin Punches

Nos. 440 to 445 incl.

Weight 1 lb.

### HAND PUNCHES

NO.	Size of Stock	Width of Bit	Length	Packed Per Doz.
89	$\frac{1}{4}$	$\frac{1}{32}$	5"	$\frac{3}{4}$ lb.
	$\frac{1}{4}$	$\frac{1}{16}$	$5\frac{1}{2}"$	1 lb.
	$\frac{3}{8}$	$\frac{1}{8}$	$7\frac{1}{2}"$	$2\frac{3}{4}$ lbs.
	$\frac{1}{2}$	$\frac{3}{16}$	8"	$4\frac{3}{4}$ lbs.
	$\frac{5}{8}$	$\frac{1}{4}$	$8\frac{1}{2}"$	$7\frac{3}{4}$ lbs.
	$\frac{5}{8}$	$\frac{5}{16}$	9"	11 $\frac{1}{4}$ lbs.

For Driving Out Bolts and Rivets.

### CENTER PUNCHES

NO.	Length	of Stock	Packed Per Doz.
450	4"	$\frac{5}{16}$	1 lb.
451	5"	$\frac{3}{8}$	$1\frac{3}{4}$ lbs.
452	$5\frac{1}{2}$ "	$\frac{1}{2}$	3 lbs.
453	6"	$\frac{5}{8}$	$4\frac{3}{4}$ lbs.

For Marking Metal, so that Drill  
Will Start in Right Place.

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# HELLER BROTHERS COMPANY

also manufacturers of

**AMERICAN PATTERN FILES**

**\*NUCUT WAVY TEETH FILES**

**SWISS PATTERN FILES**

**HELLER ROTARY FILES**

**HELLER VIXEN MILLED CURVED TOOTH FILES**

**RASPS**

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\*The NUCUT "WAVY TEETH" FILE represents the first genuine advance in File design in many years. NUCUT "WAVY TEETH" FILES consist of a combination of staggered coarse and fine teeth which accounts for the superior performance of the NUCUT "WAVY TEETH" FILE.

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## STEEL

OIL HARDENING	HOLLOW DRILL
WATER HARDENING	ALLOY CHISEL
HI CARBON HI CHROME	HIGH SPEED
S.A.E. ALLOYS & CARBON	ALLOY DIE
NON TEMPERING	HOT WORK

**BARS, BLOCKS, DISCS, RINGS, HUBS, SPINDLES, SLEEVES, SHAPE FORGINGS, ETC.**

**A COMPLETE STOCK OF HIGH CARBON OCTAGONS, HEXAGONS,**

**ROUNDS & SQUARES AVAILABLE FOR IMMEDIATE SHIPMENT**

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